



Weather Forecast for the month of November 2021

1. Executive summary

During the month of November 2021, wet conditions are expected to prevail over most parts of the country especially in the first two week of the month. Moderate to heavy rainfall ranging between 100mm and 250 mm is expected across the country. Western, Northern Provinces and south western region are expected to receive enhanced rainfall than the rest of the country. Expected rainfall will be in the range of Long Term Mean over most parts of the country. Moderate to strong wind ranging between 4 and 10 m/s is expected in the country with moderate impacts in areas of Kirehe, Rwamagana, Gatsibo and Nyagatare districts, while as localized areas of Kigali City and Bugesera district strong wind is expected. Temperature is expected to range between 18°C and 30°C countrywide which is slightly high compare to long-term mean.

Likely impacts associated with heavy rainfall and strong wind may trigger localized floods, landslides, damage to infrastructure ,crops, poor visibility and blowing off roof tops especially in the potential hot spots mentioned above.

Forecast of rainfall

Rainfall ranging between 225 and 250 mm is expected over the Rusizi, Nyamasheke, Rubavu, Rutsiro, Musanze, Burera districts, western parts of Ngororero, Karongi Nyaruguru, Nyamagabe and Nyabihu districts and northern parts of Gakenke district.

Rainfall ranging between 200 and 225 mm is expected over Eastern parts of Ngororero and Karongi districts, central parts of Nyaruguru and Nyamagabe, most parts of Gakenke and Rulindo, northern parts of Gicumbi, south eastern parts of Nyabihu district and northern parts of Muhanga district.

Rainfall ranging between 175 and 200 mm is expected in most parts of Rwamagana, eastern parts of Nyaruguru and Nyamagabe, western parts of Nyanza and Ruhango, central parts of Muhanga and Gicumbi districts, northern parts of kamonyi, Nyarugenge Gasabo and Ngoma districts, south western parts of Nyagatare and Gisagara districts and remaining parts of Rulindo district.

Rainfall ranging between 150 and 175 is expected in most parts of Huye, Ruhango, Kamonyi, Gisagara, Kicukiro and Bugesera districts, central parts of Nyanza district, south eastern Muhanga and Gicumbi districts, eastern parts of Gasabo district, western parts of Gatsibo, Kayonza, south western parts of Kirehe district and the remaining parts of Ngoma and Rwamagana. While rainfall ranging between 125 and 150 mm expected over most parts of Amayaga region, eastern parts of Bugesera district and in most parts of Eastern Province.

Rainfall ranging between 100 and 125 is expected in north eastern Kirehe, most parts of Akagera National Park which covers eastern parts of Kayonza, Gatsibo and Nyagatare districts.

1. Forecast of wind Speed

During the month of November 2021, moderate to strong winds ranging between 4m/s and 10m/s is expected across the country. Strong wind is expected especially over south western Province, north eastern parts of Nyagatare, Gatsibo and Kayonza district, most parts of Bugesera, Nyanza, Huye and Karongi districts, eastern



parts of Kirehe Gasabo and kamonyi districts , while moderate wind is expected in remaining parts of the country.

2. Forecast of maximum temperature

During the month of November 2021, the temperature is expected to be above the long term mean of November countrywide. Expected temperature will range between 18°C and 30°C. Eastern parts of Nyagatare and Gatsibo, Kigali City, and Bugarama valley in Rusizi districts are expected to receive higher temperature ranging between 28°C and 30°C while most of Northern Province, Nyabihu and most of Ngororero, eastern parts of Rubavu and Rutsiro, southern parts of Karongi district and areas of Nyungwe National Park are expected to receive low temperature ranging between 18°C and 22°C.

For more details on spatial distribution of rainfall, maximum temperature and wind speed, refer to the maps below.



